

Xiao-Ming Chen

List of Publications by Year in descending order

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papers

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567281

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43
all docs

43
docs citations

43
times ranked

697
citing authors

#	ARTICLE	IF	CITATIONS
1	Edible insects in China: Utilization and prospects. <i>Insect Science</i> , 2018, 25, 184-198.	3.0	155
2	Common edible insects and their utilization in China. <i>Entomological Research</i> , 2009, 39, 299-303.	1.1	137
3	Transcriptome Analysis of the Chinese White Wax Scale <i>Ericerus pela</i> with Focus on Genes Involved in Wax Biosynthesis. <i>PLoS ONE</i> , 2012, 7, e35719.	2.5	39
4	Proteins Identified from Saliva and Salivary Glands of the Chinese Gall Aphid <i>Schlechtendalia chinensis</i> . <i>Proteomics</i> , 2018, 18, e1700378.	2.2	32
5	Transcriptome Analysis of Sexually Dimorphic Chinese White Wax Scale Insects Reveals Key Differences in Developmental Programs and Transcription Factor Expression. <i>Scientific Reports</i> , 2015, 5, 8141.	3.3	31
6	Hair growth promoting effect of white wax and policosanol from white wax on the mouse model of testosterone-induced hair loss. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 438-446.	5.6	28
7	Phylogeny of <i>Rhus</i> gall aphids (Hemiptera: Pemphigidae) based on combined molecular analysis of nuclear EF1 α and mitochondrial COII genes. <i>Entomological Science</i> , 2010, 13, 351-357.	0.6	26
8	Molecular mechanisms of tannin accumulation in <i>Rhus</i> galls and genes involved in plant-insect interactions. <i>Scientific Reports</i> , 2018, 8, 9841.	3.3	26
9	Visual and Olfactory Responses of Seven Butterfly Species During Foraging. <i>Journal of Insect Behavior</i> , 2013, 26, 387-401.	0.7	25
10	Cloning and Expression Analysis of Four Heat Shock Protein Genes in <i>Ericerus pela</i> (Homoptera: Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 3	1.5	25
11	Molecular response of gall induction by aphid <i>Schlechtendalia chinensis</i> (Bell) attack on <i>Rhus chinensis</i> Mill. <i>Journal of Plant Interactions</i> , 2017, 12, 465-479.	2.1	22
12	A Lethal Fungus Infects the Chinese White Wax Scale Insect and Causes Dramatic Changes in the Host Microbiota. <i>Scientific Reports</i> , 2018, 8, 5324.	3.3	21
13	Identification and evaluation of reference genes in the Chinese white wax scale insect <i>Ericerus pela</i> . <i>SpringerPlus</i> , 2016, 5, 791.	1.2	19
14	Role of visual and olfactory cues in sex recognition in butterfly <i>Cethosia cyane cyane</i> . <i>Scientific Reports</i> , 2017, 7, 5033.	3.3	19
15	Effect of policosanol from insect wax on amyloid β -peptide-induced toxicity in a transgenic <i>Caenorhabditis elegans</i> model of Alzheimer's disease. <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 103.	2.7	18
16	Transcriptomic and proteomic analyses on the supercooling ability and mining of antifreeze proteins of the Chinese white wax scale insect. <i>Insect Science</i> , 2016, 23, 430-437.	3.0	15
17	Characterization and functional assay of a fatty acyl-CoA reductase gene in the scale insect, <i>Ericerus pela</i> Chavannes (Hemiptera: Coccoidea). <i>Archives of Insect Biochemistry and Physiology</i> , 2018, 97, e21445.	1.5	15
18	A Complex Nutrient Exchange Between a Gall-Forming Aphid and Its Plant Host. <i>Frontiers in Plant Science</i> , 2020, 11, 811.	3.6	15

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19	Policosanol fabrication from insect wax and optimization by response surface methodology. PLoS ONE, 2018, 13, e0197343.	2.5	12
20	Status of Two Species of Lac Insects in the Genus <i>Kerria</i> from China Based on Morphological, Cellular, and Molecular Evidence. Journal of Insect Science, 2011, 11, 1-14.	1.5	11
21	Gibberellic acid is selectively downregulated in response to aphid-induced gall formation. Acta Physiologiae Plantarum, 2016, 38, 1.	2.1	11
22	Anti-androgenetic alopecia effect of policosanol from Chinese wax by regulating abnormal hormone levels to suppress premature hair follicle entry into the regression phase. Biomedicine and Pharmacotherapy, 2021, 136, 111241.	5.6	11
23	Gall Development and Clone Dynamics of the Galling Aphid <i>Schlechtendalia chinensis</i> (Hemiptera: Pemphigidae). Journal of Economic Entomology, 2013, 106, 1628-1637.	1.8	10
24	PROTEIN PROFILES OF CHINESE WHITE WAX SCALE, <i>Ericerus pela</i> , AT THE MALE PUPAL STAGE BY HIGH-THROUGHPUT PROTEOMICS. Archives of Insect Biochemistry and Physiology, 2014, 87, 214-233.	1.5	9
25	Insect industrialization and prospect in commerce: A case of China. Entomological Research, 2022, 52, 178-194.	1.1	8
26	Chromosome-level genome assembly for the horned gall aphid provides insights into interactions between gall-making insect and its host plant. Ecology and Evolution, 2022, 12, e8815.	1.9	8
27	Molecular phylogeny and biogeography of lac insects (Hemiptera: Kerriidae) inferred from nuclear and mitochondrial gene sequences. Molecular Biology Reports, 2013, 40, 5943-5952.	2.3	7
28	In vivo evaluation of insect wax for hair growth potential. PLoS ONE, 2018, 13, e0192612.	2.5	7
29	Macro- and Microscopic Analyses of Anatomical Structures of Chinese Gallnuts and Their Functional Adaptation. Scientific Reports, 2019, 9, 5193.	3.3	6
30	Acute toxicity and chromosomal aberration toxicity of insect wax and its policosanol. Food Science and Human Wellness, 2022, 11, 356-365.	4.9	6
31	Potential Pathways and Genes Involved in Lac Synthesis and Secretion in <i>Kerria chinensis</i> (Hemiptera: Tj ETQq1 1 0,784314 rgBT /Ove	2.2	5
32	Adult Behavior of <i>Tirumala limniace</i> (Lepidoptera: Danaidae). Journal of Insect Science, 2015, 15, 76-76.	1.5	4
33	Study on Volatile Components of Butterfly Nectar Plants and Host Plants. Asian Journal of Chemistry, 2013, 25, 7861-7863.	0.3	3
34	Sexual Dimorphism in Wax Secretion Offers Ecological Adaptability During <i>Ericerus pela</i> (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.4	3
35	Genome assembly and methylome analysis of the white wax scale insect provides insight into sexual differentiation of metamorphosis in hexapods. Molecular Ecology Resources, 2021, 21, 1983-1995.	4.8	3
36	Molecular and Histologic Adaptation of Horned Gall Induced by the Aphid <i>Schlechtendalia chinensis</i> (Pemphigidae). International Journal of Molecular Sciences, 2021, 22, 5166.	4.1	3

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37	Visual and olfactory sensory responses of the butterfly <i>Papilio maackii</i> during foraging and courtship. <i>Entomological Research</i> , 0, , .	1.1	3
38	Wax glands of the horned gall aphid, <i>Schlechtendalia chinensis</i> , at different stages. <i>Arthropod Structure and Development</i> , 2020, 58, 100976.	1.4	2
39	Microenvironmental analysis of two alternating hosts and their impact on the ecological adaptation of the horned sumac gall aphid <i>Schlechtendalia chinensis</i> (Hemiptera, Pemphiginae). <i>Scientific Reports</i> , 2020, 10, 435.	3.3	1
40	Comparative analysis on visual and olfactory signals of <i>Papilio xuthus</i> (Lepidoptera: Papilionidae) during foraging and courtship. <i>PLoS ONE</i> , 2022, 17, e0263709.	2.5	1
41	Protein Profile Analysis of <i>Ericerus pela</i> (Hemiptera: Coccoidea) Egg. <i>Journal of Insect Science</i> , 2018, 18, .	1.5	0